Amendments to the Specification

Please replace the relevant portions of page 6 with the following replacement paragraph:

More preferably, the four possible directions are at 90 degree angles to each other, anda message is received from a direction represented by (X, Y), and wherein the address code is modified such that when it is:

a. transmitted 90 degrees to the left of the direction in which it is received, the modified address code is (Y, -(X+1));
b. transmitted along the same direction in which it is received, the modified address code is (X, Y-1); and
c. transmitted 90 degrees to the right of the direction in which it is received, the modified address code is (-Y, X-1).

Please replace the relevant portions of page 15 with the following replacement paragraph:

After transmission of the message in the transmitting step **302**, the message is received at the next node in a receiving step **304**. After the message is received, the node **100** performs a processing step **306** on the received address code to determine whether the address code indicates that the current node **100** is the intended recipient node **106**. In the preferred embodiment, the four possible directions are at 90 degree angles to each other, and the message is received from a given direction with a given address code represented by (X, Y). The address code is modified such that when it is to be:

a. transmitted 90 degrees to the left of the direction in which it is received, the modified address code is (Y, -(X+1));

b. transmitted along the same direction (forward) in which it is received, the modified address code is (X, Y-1); and

c. transmitted 90 degrees to the right of the direction in which it is received, the modified address code is (-Y, X-1).